

WHAT IS CLAIMED:

CLAIMS 1-9 (Canceled)

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CLAIM 10 (NEW) A vacuum boring and mud recovery vacuum hose attachment method, comprising the steps of providing a suction end of a vacuum conduit, a water spray nozzle and a means to attach said spray nozzle adjacent to said vacuum hose suction end, and said suction end of said vacuum conduit having an indentation in its circumference so as to restrict objects from entering said vacuum conduit which are too large in size to continue through said vacuum hose and said indentation in said vacuum conduit circumference also being the location of attaching said water spray nozzle so as to direct sprayed water under pressure to emulsify dirt located adjacent to said suction end of said vacuum conduit.

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CLAIM 11 (NEW) The method of claim 10, further comprising the steps of: having said vacuum conduit with a first circumference and said suction end of said vacuum conduit having a bell shaped portion having a second circumference larger than said first circumference, said bell shaped portion having said one or more indentation and having one or more water spray nozzles.

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CLAIM 12 (NEW) The method of claim 10, further comprising the steps of: said spray nozzle being selected from one of a pulse jet, a rotary jet, a jetter nozzle and a fixed spray jet.

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CLAIM 13 (NEW) The method of claim 10, further comprising the steps of: facing said spray nozzle housed within said indentation so as to spray towards the center of an area to be vacuumed.

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CLAIM 14 (NEW) The method of claim 10, further comprising the steps of: providing a second and third spray nozzle housed within a second and third indentation on said vacuum conduit.

10 CLAIM 15 (NEW) A vacuum boring and mud recovery vacuum hose attachment method, comprising the steps of providing a vacuum conduit having a vacuum source attached to a first end, a second end being a suction end of said vacuum conduit, said first end having a first circumference and said second end having an inward rolled edge with a second circumference smaller than said first circumference.

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CLAIM 16 (NEW) A vacuum boring and mud recovery vacuum hose attachment method, comprising the steps of providing a vacuum conduit having a vacuum source attached to a first end, a second end being a suction end of said vacuum conduit, a spray nozzle hose connected to an aerodynamic support and a spray nozzle within said second end.

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CLAIM 17 (NEW) The method of claim 15, further comprising the steps of: providing said vacuum conduit with a first circumference and a vacuum conduit bell shaped portion having a second circumference larger than said first circumference and having an indentation in the circumference of said conduit bell, and having a water spray nozzle positioned within said indentation, and said water spray nozzle directed so as to emulsify dirt located at the suction end of said vacuum conduit.

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30 CLAIM 18 (NEW) The method of claim 16, further comprising the steps of: mounting said aerodynamic support within said bell portion and said aerodynamic support supporting said spray nozzle adjacent to the open end of said vacuum conduit bell.

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